

CLAIMS

1. (Currently Amended) An edge node comprising:

a receiving router to receive content from a Network Operations Center (NOC)
over a satellite content distribution network;

a controller, connected with the receiving router to form a private Virtual Local
Area Network (VLAN), to respond to requests from an Internet Redirection Engine
(IRE), the IRE for directing content requested by an end user to the edge node, to process
incoming data packages, and to execute commands from the NOC;

one or more media servers, connected to the private VLAN, capable of
simultaneously serving both live and non-live content;

~~a private Virtual Local Area Network (VLAN), connected to the media servers,~~
~~that receives content from a Network Operations Center (NOC) via a satellite link and~~
~~distributes it to the media servers;~~

a computer with an attached display screen;-and

a load balancer;

an outbound router, connected with the load balancer to form a public VLAN and
further connected to the media servers, a public VLAN, connected to the media servers,
~~that~~to transmits the content from the media servers to the computer and to communicate
with the NOC via a terrestrial back channel; and

a firewall connecting the private and public VLANs.

2. (Previously Presented) The edge node of claim 1, where the public VLAN
interfaces with the computer via a wireless network.

3. (Previously Presented) The edge node of claim 1, where the public VLAN interfaces with the computer via a wired network.
4. (Previously Presented) The edge node of claim 1, where the one or more media servers, the private VLAN, the computer, and the public VLAN are contained in a portable enclosure.
5. (Cancelled) ~~The edge node of claim 1, further including worldwide electrical power connections.~~
6. (Currently Amended) An edge node that receives content from a Network Operations Center (NOC) via a satellite link and displays it, the edge node comprising:
 - a processor ~~that executes code capable of to serving~~ both live and non-live content, to respond to requests from an Internet Redirection Engine (IRE) at the NOC, the IRE for directing content requested by an end user to the edge node, to process incoming data packages, and to execute commands from the NOC;
 - a terrestrial network interface, connected to the processor, to communicate with the NOC via a terrestrial back channel:
 - a satellite interface, connected to the processor, that receives the content from the satellite link: and
 - a display interface, connected to the processor.

7. (Currently Amended) A method for displaying content received from a Network Operations Center (NOC) comprising:

using a private Virtual Local Area Network (VLAN) to receive content, directed to the edge node by an Internet Redirection Engine at the NOC in response to an end user's request, from over a satellite broadcast link;

distributing the content from the private VLAN to one or more media servers capable of simultaneously serving both live and non-live content;

using a public VLAN to transmit the received content from the media servers to a computer with an attached display screen and to communicate with the NOC via a terrestrial back channel; and

displaying the transmitted content using the computer with an attached display screen;

where the private VLAN, the one or more media servers, the public VLAN, and the computer with an attached display screen are contained in a portable enclosure.

8. (Currently Amended) A method for displaying content received from a Network Operations Center (NOC) comprising:

~~using a satellite interface of a computer to receive content from the NOC over a satellite link;~~

using a processor of the computer to respond to requests from an Internet Redirection Engine (IRE) at the NOC, the IRE for directing content requested by an end user to the edge node, to process incoming data packages, and to execute commands from

the NOC, and to execute code, capable of serving both live and non-live content, to serve the ~~received~~ content;

using a terrestrial network interface to communicate with the NOC via a terrestrial back channel;

using a satellite interface of a computer to receive the content from the NOC over a satellite broadcast link; and

outputting the ~~served~~ content using a display interface of the computer; and where the computer is contained in a portable enclosure.

9. (new) The edge node of claim 1, wherein the IRE is located at the NOC.